

CAS search: 09/06/01

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LOGINID:sssptau181jxs

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS	42	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS	43	Jun 06	PASCAL enhanced with additional data

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NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available  
NEWS 45 Jun 25 HSDB has been reloaded

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:56:47 ON 29 JUN 2003

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:57:10 ON 29 JUN 2003  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 27 JUN 2003 HIGHEST RN 539020-41-2  
DICTIONARY FILE UPDATES: 27 JUN 2003 HIGHEST RN 539020-41-2

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STN Note 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> "tetraoctylammonium hydroxide"  
"TETRAOCTYLAMMONIUM IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

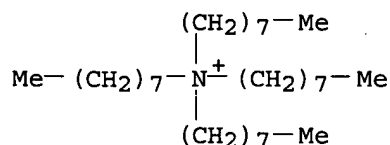
=> s "tetraoctylammonium hydroxide"  
50 "TETRAOCTYLAMMONIUM"  
33236 "HYDROXIDE"

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L1 1 "TETRAOCTYLAMMONIUM HYDROXIDE"  
("TETRAOCTYLAMMONIUM" (W) "HYDROXIDE")

=> d

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS  
RN 17756-58-0 REGISTRY  
CN 1-Octanaminium, N,N,N-trioctyl-, hydroxide (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Ammonium, tetraoctyl-, hydroxide (8CI)  
OTHER NAMES:  
CN Tetraoctylammonium hydroxide  
MF C32 H68 N . H O  
LC STN Files: CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM, PIRA, TOXCENTER,  
USPATFULL  
CRN (19524-73-3)



● OH<sup>-</sup>

41 REFERENCES IN FILE CA (1957 TO DATE)  
41 REFERENCES IN FILE CAPLUS (1957 TO DATE)

=> file capulus

'CAPULUS' IS NOT A VALID FILE NAME

SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> s 17756-58-0

L2 1 17756-58-0  
(17756-58-0/RN)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
10.92	11.13

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:58:37 ON 29 JUN 2003

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FILE COVERS 1907 - 29 Jun 2003 VOL 139 ISS 1  
FILE LAST UPDATED: 27 Jun 2003 (20030627/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17756-58-0

**REGISTRY INITIATED**

Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L4 41 L3

=> s l4 and (phenol(n)red or bromothymol(n)blue or nitrophenol or chlorophenol(n)red or bromocresol(n)purple)

213198 PHENOL  
335323 RED  
2893 PHENOL(A) RED  
2263 BROMOTHYMOL  
220368 BLUE  
2209 BROMOTHYMOL(A) BLUE  
19278 NITROPHENOL  
14764 CHLOROPHENOL  
335323 RED  
346 CHLOROPHENOL(A) RED  
2747 BROMOCRESOL  
22327 PURPLE  
1135 BROMOCRESOL(A) PURPLE

L5 4 L4 AND (PHENOL(A) RED OR BROMOTHYMOL(A) BLUE OR NITROPHENOL OR CHLOROPHENOL(A) RED OR BROMOCRESOL(A) PURPLE)

=> d 1-4

L5 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 1998:199010 CAPLUS  
DN 128:289421  
TI Effect of plasticizer-polymer compatibility on the response characteristics of optical thin film CO2 and O2 sensing films  
AU Mills, Andrew; Lepre, Anne; Wild, Lorraine  
CS University of Wales Swansea, Department of Chemistry, Swansea, SA2 8PP, UK  
SO Analytica Chimica Acta (1998), 362(2-3), 193-202  
CODEN: ACACAM; ISSN: 0003-2670  
PB Elsevier Science B.V.  
DT Journal  
LA English

L5 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 1997:424426 CAPLUS  
DN 127:146563  
TI Breath-by-breath measurement of carbon dioxide using a plastic film

CAS search: 09/06/01

optical sensor  
AU Mills, Andrew; Lepre, Anne; Wild, Lorraine  
CS Department of Chemistry, University of Wales Swansea, Singleton Park,  
Swansea, SA28PP, UK  
SO Sensors and Actuators, B: Chemical (1997), B39(1-3), 419-425  
CODEN: SABCEB; ISSN: 0925-4005  
PB Elsevier  
DT Journal  
LA English

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:842744 CAPLUS  
DN 123:245637  
TI Solid state sensors  
IN Jovanovic, Misa V.; Markle, David Reed  
PA Biomedical Sensors, Ltd., UK  
SO PCT Int. Appl., 22 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9522759	A1	19950824	WO 1995-IB36	19950118
	W: AU, CA, DE, JP, KR, MX				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2183455	AA	19950824	CA 1995-2183455	19950118
	AU 9513909	A1	19950904	AU 1995-13909	19950118
	EP 745220	A1	19961204	EP 1995-905214	19950118
	EP 745220	B1	20000412		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	JP 09502528	T2	19970311	JP 1995-521687	19950118
	JP 2821026	B2	19981105		
	AT 191790	E	20000415	AT 1995-905214	19950118
	ZA 9501219	A	19960815	ZA 1995-1219	19950215
PRAI	US 1994-197423	A	19940216		
	WO 1995-IB36	W	19950118		

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS  
AN 1995:780437 CAPLUS  
DN 123:164648  
TI Microbial optical sensors and methods  
IN Wolfbeis, Otto S.; Klainer, Stanley M.  
PA FCI-Fiberchem, USA  
SO PCT Int. Appl., 24 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9516052	A1	19950615	WO 1994-US14006	19941206
	W: CA, JP, KR				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRAI	US 1993-163040		19931206		

=> d 4 kwic

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS  
IT 76-59-5, **Bromothymol blue** 7440-18-8D, Ruthenium,  
complexes **17756-58-0**, Tetraoctylammonium hydroxide 167410-93-7

CAS search: 09/06/01

RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)  
(microbial optical sensors and methods for biochem. anal.)

=> d 5 kwic

4 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE  
The answer numbers requested are not in the answer set.  
ENTER ANSWER NUMBER OR RANGE (1):4

L5 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2003 ACS

IT 76-59-5, **Bromothymol blue** 7440-18-8D, Ruthenium,  
complexes **17756-58-0**, Tetraoctylammonium hydroxide 167410-93-7  
RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)  
(microbial optical sensors and methods for biochem. anal.)

=> d 3 kwic

L5 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2003 ACS

IT 143-74-8, **Phenol red** **17756-58-0**,  
Tetraoctylammonium hydroxide 36309-88-3, Tris(4,7-diphenyl-1,10-  
phenanthroline) ruthenium dichloride  
RL: ARG (Analytical reagent use); DEV (Device component use); ANST  
(Analytical study); USES (Uses)  
(oxygen and carbon dioxide and pH detn. in blood by solid state sensor  
contg. silicone rubber)

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
25.50	37.45

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:03:11 ON 29 JUN 2003